

# SHAHAR RONEN

Seattle, WA • [www.shaharonen.com](http://www.shaharonen.com)

## EDUCATION

- 2011-2013 **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** Cambridge, MA  
Master of Science degree in Media Arts and Sciences. Thesis on Global Language Networks published on *Proceedings of the National Academy of Sciences* (PNAS) and awarded Science Magazine's Top 10 Stories of 2015.
- 2007-2011 **UNIVERSITY OF HAIFA** Haifa, Israel  
Master of Arts degree in History, *first in class*. Outstanding Grad Student, Faculty of Humanities.
- 2004-2007 **UNIVERSITY OF HAIFA** Haifa, Israel  
Bachelor of Science (double major) degree in Computer Science and Interdisciplinary Honors Program, *summa cum laude*. Best Undergraduate Thesis; Best Speaker, 2007 National Debate Championships; Tutor, CS Department.
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## EXPERIENCE

- 2015-present **MICROSOFT CORPORATION** Bellevue, WA  
*Senior Product Manager, Bing Predicts*  
Product manager for new predictive analytics product ([bing.com/predicts](http://bing.com/predicts)) that leverages Microsoft data for highly accurate predictions on [bing.com](http://bing.com) and for enterprise customers.
  - Define product strategy and vision, evangelize externally and internally, manage customer relationships.
  - Cross-functionally manage teams across engineering, design, business dev., marketing, etc.
  - Lead the design and implementation of Bing Predicts Elections ([bing.com/elections](http://bing.com/elections)) launched in December '15.
- 2013-2015 **MICROSOFT CORPORATION** Bellevue, WA  
*Program Manager II, MSN Analytics*  
Own from design to launch MSN downstream telemetry pipeline, collecting data from hundreds of millions MAUs.
  - Lead UI design, development and launch of cross-platform reporting portal for external MSN content partners. Tripled number of users compared to previous solution.
  - Manage relationship with 3<sup>rd</sup>-party partners to provide real-time reporting for internal use. Design, prioritize and launch new features. Increased active users by 180% while reducing monthly costs by 50%.
  - Define and analyze metrics that inform business decisions and communicate them to VP and direct reports.
  - Establish and evangelize data-driven decision making processes across engineering and business by providing training and guidelines. Now each product team runs own deep analyses to inform design of new features.
- 2011-2013 **MIT MEDIA LAB** Cambridge, MA  
*Research Assistant, Macro Connections*  
Researched global culture applying quantitative analysis, network science and NLP techniques to large datasets.
  - Designed and led study on *Global Language Networks* ([language.media.mit.edu](http://language.media.mit.edu)) quantifying global influence of languages. Supervised four undergraduate research assistants in data analysis and web development projects.
  - Scraped, cleaned and curated data for *Pantheon* ([pantheon.media.mit.edu](http://pantheon.media.mit.edu)), quantifying historical cultural production.
  - Analyzed Wikipedia articles and metadata and created corpus comparing point-of-view across languages.
- 2006-2010 **IBM RESEARCH** Haifa, Israel  
*Research Staff Member, Storage Research*  
Researched, designed, implemented, and tested solutions for cloud storage and long-term digital preservation (LTDP).
  - Led development of software demo that won large deal with core customer.
  - Consulted and assessed long-term digital preservation readiness for a new IBM storage service.
  - Published two patents, five papers, and open-source software packages on SourceForge and IBM alphaWorks.
- 2002-2005 **PHILIPS MEDICAL SYSTEMS** Haifa, Israel  
*Software Testing Team Leader, Mx8000IDT/Brilliance 16 CAT Scanner*  
Managed scanner's software testing team (eight people) during three full release cycles.
  - Led product improvement task force for company's leading CAT scanner, a US\$1M product: visited customers to collect feedback, prioritized issues, researched and evaluated solutions with software dev., UX and clinical teams.
  - Initiated and implemented a process to reduce software installation time by 30%.
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## SKILLS AND INTERESTS

**Software** Python, R, SQL, C, C++, Java, XML, Windows, Linux, and Mac

**Interests** Language and linguistics, Roman history and classics, running, international travel to over 20 countries, guitar playing

*Over 10 refereed publications, 2 US patents, 10 awards, and 5 web projects. See [www.shaharonen.com](http://www.shaharonen.com) for a detailed list.*